

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04873/074001SERIAL NO.
09/047,011INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Paul Dvorkis et al.

(37 CFR 1.98(b))

FILING DATE
March 24, 1998GROUP
2112

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KOF	AA	5 7 4 2 0 3 8	04/21/98	Dvorkis et al.			
	AB	5 5 9 1 9 5 4	01/07/97	Spencer			
	AC	5 4 4 0 1 1 1	08/08/95	Eastman et al.			
	AD	5 4 2 0 4 1 1	05/30/95	Salatto, Jr. et al.			
	AE	5 3 3 2 8 9 2	07/26/94	Li et al.			
	AF	5 2 8 0 1 6 1	01/18/94	Niwa			
	AG	5 2 5 0 7 9 1	10/05/93	Heiman, et al.			
	AH	5 2 3 5 1 6 7	08/10/93	Dvorkis, et al.			
	AI	5 2 2 9 5 9 1	07/20/93	Heiman, et al.			
	AJ	5 2 1 8 1 9 0	06/08/93	Hardesty, et al.			
	AK	5 2 0 0 5 9 7	04/06/93	Eastman et al.			
	AL	5 1 9 4 7 2 0	03/16/93	Reinnagel, et al.			
	AM	5 1 7 0 2 7 7	12/08/92	Bard et al.			
	AN	5 1 1 5 3 3 4	05/19/92	Tomita			
	AO	5 0 8 1 6 3 9	01/14/92	Snyder et al.			
	AP	5 0 7 3 9 5 4	12/17/91	Van Tyne, et al.			
	AQ	5 0 6 7 0 9 3	11/19/91	Przybylowicz, et al.			
	AR	5 0 6 4 2 5 8	11/12/91	Inokuchi, et al.			
	AS	5 0 4 7 6 1 7	09/10/91	Shepard, et al.			
	AT	5 0 3 4 9 0 4	07/23/91	Moy			
	AU	5 0 1 5 8 3 1	05/14/91	Eastman et al.			
	AV	5 0 1 3 8 9 5	05/07/91	Iggulden, et al.			
	AW	4 9 9 2 6 4 9	02/12/91	Mampe, et al.			
	AX	4 9 8 0 5 4 4	10/25/91	Winter			
	AY	4 9 3 3 5 3 8	06/12/90	Heiman, et al.			
	AZ	4 9 1 6 2 9 8	04/10/90	Raphael			
KOF	AAA	4 8 9 6 0 2 6	01/23/90	Krichever, et al.			

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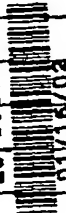
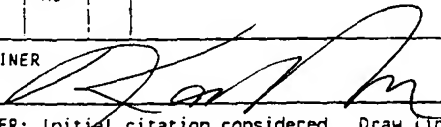
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KDF	BA	4 8 9 4 7 9 0	01/16/90	Yotsuya, et al.			
	BB	4 8 6 0 2 2 6	08/22/89	Martin, et al.			
	BC	4 8 4 1 1 2 9	06/20/89	Tawara et al.			
	BD	4 8 2 6 2 6 9	05/02/89	Streifer, et al.			
	BE	4 8 2 5 0 4 8	04/05/89	Poland			
	BF	4 8 2 2 9 8 6	04/18/92	Guthmuller, et al.			
	BG	4 8 2 0 9 1 1	04/11/89	Arackellian, et al.			
	BH	4 7 9 5 2 8 1	01/03/89	Ulinksi, Sr., et al.			
	BI	4 7 7 7 3 5 7	10/11/88	Harada, et al.			
	BJ	4 7 2 1 8 6 0	01/26/88	Troendle			
	BK	4 7 0 5 9 3 9	11/10/87	Ulinksi, Sr.			
	BL	4 6 5 2 7 5 0	03/24/87	Eastman, et al.			
	BM	4 6 4 1 0 1 8	02/03/87	Mazumder, et al.			
	BN	4 6 0 6 6 6 0	08/19/86	Bradshaw, et al.			
	BO	4 5 7 0 0 5 7	02/11/86	Chadima, Jr., et al.			
	BP	4 5 6 0 8 6 2	12/24/85	Eastman et al.			
	BQ	4 5 5 5 1 6 4	11/26/85	Feinbloom			
	BR	4 5 3 8 8 9 5	09/03/85	Higgins, et al.			
	BS	4 5 0 8 6 8 6	04/02/85	Shaber, et al.			
	BT	4 5 0 0 7 7 6	02/19/85	Laser			
	BU	4 3 6 9 3 6 1	01/18/83	Swartz, et al.			
	BV	4 3 6 0 7 9 8	11/23/82	Swartz, et al.			
	BW	4 1 9 9 8 1 6	04/22/80	Humphrey			
	BX	3 8 7 1 7 4 8	03/18/75	Day			
	BY	3 7 9 0 7 5 6	02/05/74	Graves, et al.			
	BZ	3 7 8 0 2 7 0	10/18/73	Faulkner, et al.			
	BAA	3 3 9 6 3 4 4	08/06/68	Broom			
KDF	BAB	3 0 5 1 0 5 1	08/28/62	Jeffree			

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 04873/074001		SERIAL NO. 09/047,011	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT Paul Ovorkis et al.			
				FILING DATE March 24, 1998		GROUP 2112	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	CA	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						
	CC						
	CD						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
<i>KOP</i>	CE	WO 94/01835	01/20/94	PCT			
	CF	WO 93/18478	09/16/93	PCT			
	CG	O 589 361	03/30/94	Europe			
	CH	O 492 065	01/07/92	Europe			
	CI	O 385 478	09/05/90	Europe			
	CJ	O 249 713	12/23/87	Europe			
	CK	3602008	07/30/87	Germany			ABSTRACT
	CL	0198175	08/29/91	Japan			YES
	CM	3-127191	05/30/91	Japan			ABSTRACT
	CN	1-93871	04/12/89	Japan			YES
	CO	61-120283	06/07/86	Japan			ABSTRACT
<i>KOP</i>	CP	55-88172	07/03/80	Japan			ABSTRACT
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
<i>KOP</i>	CO	"Quick Check 500" Brochure, Photographic Sciences, 2 pages, 1989					
<i>KOP</i>	CR	Barkan, Automatic I.D. News, "Author Verifies the Key to Bar Coding Success", (Nov. 1988)					
<i>KOP</i>	CS	Grabowski, et al., "Code Reading Mechanical Scanning Gun", IBM Technical Disclosure Bulletin, Vol. 5, No. 5 October 1962					
EXAMINER				DATE CONSIDERED <i>4/10/94</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 04873/074001		SERIAL NO. 09/047,011							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT Paul Dvorkis et al.									
				FILING DATE March 24, 1998		GROUP 2112							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KOF	AA	5	4	3	8	1	8	7	08/01/95	Reddersen et al.	235	462	J0887 U.S. PTO 10/050625  01/16/02
	AB	5	3	0	4	7	8	8	04/19/94	Metlitsky et al.	235	467	
	AC	5	2	9	1	3	1	9	03/01/94	Harris	359	18	
	AD	5	2	5	4	8	4	4	10/19/93	Krichever et al.	235	462	
	AE	5	2	3	3	1	7	0	08/03/93	Metlitsky et al.	235	462	
	AF	5	2	1	0	3	9	8	05/11/93	Metlitsky	235	462	
KDP	AG	4	7	4	8	3	1	6	05/31/88	Dickson	235	454	
	AH												
	AI												
	AJ												
	AK												
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION						
							YES	NO					
KOF	AL	60-195639	3/1984	Japan			abstract						
	AM												
	AN												
	AO												
	AP												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
KOF	AQ	Yamazaki et al, "New Holographic Technology for a Compact POS Scanner," Applied Optics, Vol. 29, No. 11 (April 1990)											
	AR												
	AS												
EXAMINER					DATE CONSIDERED								
					1/7/04								
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KOK	AA	5 6 7 1 0 8 4	09/23/97	Kurtz	359	362	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

10/05/02
10/05/02
01/16/02

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO
	AL					
	AM					
	AN					
	AO					
	AP					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ	
	AR	
	AS	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

10/050625
 01/16/02
 10/050625
 01/16/02

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
1486 AL	6-150039	5/1994	Japan				Abstract
AM							
AN							
AO							
AP							

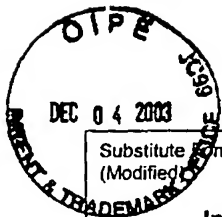
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ						
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Sheet 1 of 1Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
04873-074002Application No.
10/050,625**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Dvorkis et al.Filing Date
January 16, 2002Group Art Unit
2876**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KOF	AA	6575368	06/10/03	Tamburrini et al.	1	1	1
KOF	AB	5149949	09/22/92	Wike, Jr.	1	1	1
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

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Substitute Disclosure Form (PTO-1449)